

# WILLIAMS, MORGAN & AMERSON, P.C.

10333 RICHMOND, STE. 1100, HOUSTON, TEXAS 77042  
(713) 934-7000 FAX: (713) 934-7011

Danny L. Williams  
Terry D. Morgan  
J. Mike Amerson  
Kenneth D. Goodman  
Jeffrey A. Pyle  
Jalson C. John  
Ruben S. Balns  
Scott F. Diring†

Shelley P.M. Fussey, Ph.D.\*  
Mark D. Moore, Ph.D.\*  
Raymund F. Eich, Ph.D.\*  
Daren C. Davis\*  
Stephanie A. Wardwell, Ph.D.\*  
Mark W. Sincell, Ph.D.\*

\*Patent Agent

17858 U.S. PTO  
101700175



†Licensed in Wisconsin,  
not licensed in Texas

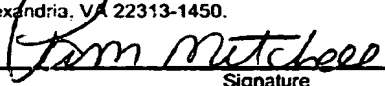
Writer's Direct Dial  
(713) 934-4055

File: 2000.088500

November 3, 2003

## MAIL STOP PATENT APPLICATION

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

EXPRESS MAIL RECEIPT	
NUMBER:	EV 336536071 US
DATE OF DEPOSIT:	November 3, 2003
I hereby certify that this paper or fee is being deposited with the United States Postal Service "EXPRESS MAIL POST OFFICE TO ADDRESSEE" service under 37 C.F.R. 1.10 on the date indicated above and is addressed to: Mail Stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.	
	
Signature	

RE: U.S. Patent Application Entitled: *FAULT DETECTION AND CONTROL METHODOLOGIES FOR ION IMPLANTATION PROCESSES, AND SYSTEM FOR PERFORMING SAME* – Elvido Coss, Jr., Patrick M. Cowan, Richard J. Markle and Tom Tse (2000.088500/TT4616)

Sir:

Transmitted herewith for filing are:

- (1) 37-page patent specification with 45 claims and an abstract (also Figures 1-3 on 3 sheets);
- (2) Declaration;
- (3) Power of Attorney;
- (4) Assignment and Assignment Cover Sheet; and
- (5) Request and Certification Under 35 U.S.C. 122(b)(2)(B)(i).

All correspondence, notices, official letters and other communications should be directed to J. Mike Amerson, Williams, Morgan & Amerson, P.C., 10333 Richmond, Suite 1100, Houston, TX 77042, and all telephone calls should be directed to J. Mike Amerson at (713) 934-4055.

BEST AVAILABLE COPY

**WILLIAMS, MORGAN & AMERSON, P.C.**

Commissioner for Patents  
November 3, 2003  
Page 2

The Assistant Commissioner is authorized to deduct the amount of the total filing fee (listed below) from Advanced Micro Devices, Inc. Deposit Account No. 01-0365/TT4616.

**FILING FEE CALCULATION**

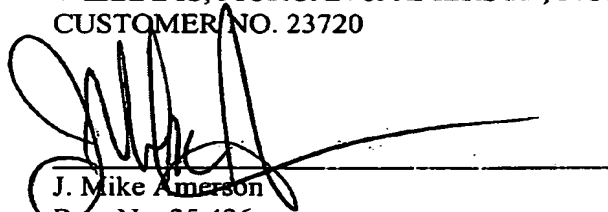
FOR		Small Entity	Large Entity
Total Claims	45 - 20 = 25	x \$9 = \$	or x \$18 = \$ 450.00
Independent Claims	4 - 3 = 1	x \$43 = \$	or x \$86 = \$ 86.00
Multiple Dependent Claim(s)		+ \$145 = \$	or + \$290 = \$ 0.00
Basic Fee:		+ \$385 = \$	or + \$770 = \$ 770.00
Assignment Recording Fee:	(\$40 per assignee)	+ = \$	+ = \$ 40.00
<b>TOTAL FILING FEES</b>		<b>\$ <u>0.00</u></b>	<b>\$ <u>1,346.00</u></b>

Pursuant to 37 C.F.R. § 1.10 the Applicants request the Patent and Trademark Office to accept this application and accord a serial number and filing date as of the date this application is deposited with the U.S. Postal Service for Express Mail.

Please date stamp and return the enclosed postcards to evidence receipt of these materials.

Respectfully submitted,

WILLIAMS, MORGAN & AMERSON, P.C.  
CUSTOMER NO. 23720



J. Mike Amerson  
Reg. No. 35,426  
10333 Richmond, Suite 1100  
Houston, TX 77042  
(713) 934-4055  
(713) 934-7011 (facsimile)

ATTORNEY FOR APPLICANTS

JMA/mp  
Enclosures  
cc: Ms. Samantha Cardona (w/enc.)

**BEST AVAILABLE COPY**

**NONPUBLICATION REQUEST  
UNDER  
35 U.S.C. 122(b)(2)(B)(i)**

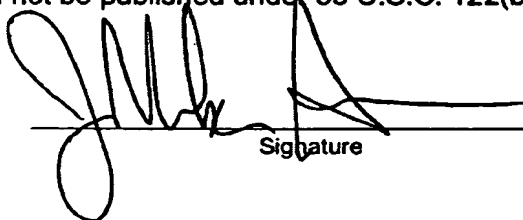
First Named Inventor	Elfido Coss, Jr.
Title	Fault Detection and Control Methodologies for Ion Implantation....
Attorney Docket Number	2000.088500/TT4616

I hereby certify that the invention disclosed in the attached application **has not and will not be** the subject of an application filed in another country, or under a multilateral agreement, that requires publication at eighteen months after filing.

I hereby request that the attached application not be published under 35 U.S.C. 122(b).

November 3, 2003

Date



Signature

713-934-4055

Telephone number

J. Mike Amerson

Typed or printed name

This request must be signed in compliance with 37 CFR 1.33(b) and submitted with the application **upon filing**.

Applicant may rescind this nonpublication request at any time. If applicant rescinds a request that an application not be published under 35 U.S.C. 122(b), the application will be scheduled for publication at eighteen months from the earliest claimed filing date for which a benefit is claimed.

If applicant subsequently files an application directed to the invention disclosed in the attached application in another country, or under a multilateral international agreement, that requires publication of applications eighteen months after filing, the applicant **must** notify the United States Patent and Trademark Office of such filing within forty-five (45) days after the date of the filing of such foreign or international application. **Failure to do so will result in abandonment of this application (35 U.S.C. 122(b)(2)(B)(iii)).**

This collection of information is required by 37 CFR 1.213(a). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 6 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.